Appendix A – Budgetary Information

The schedule for completing the milestones and achieving the targets and R&D priorities outlined in this plan is based on expected funding levels, the current stage of development of different technologies, and the perceived difficulty in attaining the targets. Deviation from the expected funding levels may alter the schedule for completion of the tasks and milestones. For example, if funding falls short of expected levels, the target dates for completion of certain milestones may be extended to later dates. If additional funding is made available over the expected amount, the rate of technology development could be accelerated in key research areas.

Funding Profile:

The funding profile for the Hydrogen, Fuel Cells & Infrastructure Technologies Program is shown in Table A.1. Consistent with the National Energy Policy, there has been a steady increase in funding from FY 2001 through FY 2005. To reach its targets, the Hydrogen, Fuel Cells & Infrastructure Technologies Program expects funding to be provided at the level projected within internal DOE planning documents. If funding deviates from these projections, priorities have been established to reallocate funds.

Table A.1. Fiscal Year Funding (2003-2005)[1] (Millions of Dollars)

Major Activity	FY 2003	FY 2004		FY 2005	
	Funding	Request	Funding	Request	Funding
Hydrogen Technology					
Hydrogen Production & Delivery	6.4	23.0	10.3	25.3	14.4
Hydrogen Storage	10.8	30.0	14.0	30.0	23.8
Infrastructure Validation	3.0	13.2	5.9	15.0	9.6
Safety, Codes & Standards, Utilization	2.6	16.0	5.9	18.0	6.1
Education and Cross-cutting Analysis	1.9	5.8	3.9	7.0	3.4[2]
Congressionally-directed Projects	13.4	--	42.0	--	37.3
Subtotal, Hydrogen Technology	**38.1[3]**	**88.0**	**82.0[3]**	**95.3**	**94.6[3]**
Fuel Cell Technology					
Transportation Systems	6.1	7.6	7.5	7.6	7.5
Distributed Energy Systems	7.3	7.5	7.4	7.5	6.9
Fuel Processing	23.5	19.0	14.8	13.9	9.7
Stack Components	14.8	28.0	25.2	30.0	32.5
Technology Validation	1.8	15.0	9.9	18.0	17.8
Technical and Program Support	0.4	0.4	0.4	0.5	0.5
Subtotal, Fuel Cell Technology	**53.9**	**77.5**	**65.2**	**77.5**	**74.9**
TOTAL, Hydrogen and Fuel Cells	**92.0[3]**	**165.5**	**147.2[3]**	**172.8**	**169.5[3]**

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[1] Funding for EERE only. Does not reflect other participants in the Hydrogen Fuel Initiative (FE, NE, SC, DOT).

[2] Funding for Education activities was not appropriated in FY 2005.

[3] The amount appropriated by Congress; distribution among key activities (production, storage, etc.) is determined by DOE based on Program priorities.